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ABSTRACT

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According to the present invention, Bluetooth master device offset information is determined and distributed among the master devices within a Bluetooth network. The system either provides an offset to each master device or determines master device offsets and distributes this information to master devices within the system to allow or efficient hand-offs of a slave between master devices.

FIG. 10 is a block diagram of a system 1000 according to one embodiment of the present invention. The system 1000 includes a master device 1010 and a slave device 1020. The master device 1010 is connected to the slave device 1020 via a communication link 1030. The master device 1010 includes a processor 1011, a memory 1012, and a communication interface 1013. The slave device 1020 includes a processor 1021, a memory 1022, and a communication interface 1023. The communication interface 1013 of the master device 1010 is connected to the communication interface 1023 of the slave device 1020 via the communication link 1030. The master device 1010 is configured to determine offset information for the slave device 1020 and to distribute this information to other master devices within a Bluetooth network. The slave device 1020 is configured to receive this information and to use it to perform efficient hand-offs between master devices.